PATENT APPLICATION

Sheet 1 of 7

_ _ D		
ES RM PTO-1449	ATTY. DOCKET NO.	SERIAL NO.
y	1094560-3	09/895,892
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT	
STATEMENT	Kay Lichtenwalter	
***	FILING DATE	GROUP
(Use several sheets if necessary)	06/29/2001	1641

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME	
u	Α	5,922,534	Jul. 13, 1999	Lichtenwalter	
	В	6,255,053	Jul. 3, 2001	Lichtenwalter	
	С	4,563,417	Jan. 6, 1986	Albarella et al	
	D	4,994,373	Feb. 19, 1991	Stavrianopoulos et al	
	E	6,210,894	Apr. 3, 2001	Brennan	-
	F	5,424,186	Jun. 13, 1995	Fodor et al	
	G	5,837,832	Nov. 17, 1998	Chee et al	
	Н	3,642,450	Feb. 15, 1972	Eriksson	
4	1	5,077,210	Dec. 31, 1991	Eigler et al	
u	J	5,215,882	Jun. 1, 1993	Bahl et al	

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	NAME	TRAN	SLATIO
		NUMBER			YES	NO
u	κ	WO 85/01051	Mar.15, 1985	Arnold		-
u	L	WO 89/10977	Nov.16, 1989	Southern		
a	М	WO 93/22680	Nov.11, 1993	McGall et al		
u	N	WO 93/09668	May.27, 1993	Winkler et al		

		OTHER REFERENCES (including Author,	Title, Date, Pertinent Pages, etc.)
u	0	Chow et al., Analytical Biochemistry, 175: 6 deoxythymidine Affinity Column*.	3-86 (1988); "A High Capacity, Reusable Oligo-
u	P	Dunn et al., Methods in Enzymology, 65: 46 Hybridization".	8-478 (1980); "Mapping Viral RNAs by Sandwich
u	a	H. Wheetall, Methods in Enzymology, 44: 13 Inorganic Support Materials".	34-148 (1976); "Covalent Coupling Methods for
EXAMIN	NER	e ch.	DATE CONSIDERED

^{*}Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

PATENT APPLICATION

g		Sheet 2 of 7
6/PM PTO-1449	ATTY. DOCKET NO.	SERIAL NO.
RM PTO-1449	1094560-3	09/895,892
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT	
STATEMENT	Kay Lichtenwalter	
	FILING DATE	GROUP
(Use several sheets if necessary)	06/29/2001	1641

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME	
u	R.	5,653,939	Aug. 5, 1997	Hollis et al	
u	S	5,668,642	Nov. 18, 1997	Chrisey et al	
u	T	5,843,767	Dec. 1, 1998	Beattie	
-					-
-					

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	NAME	TRAN	TRANSLATION	
NUMBER	NUMBER		YES	NO	
			,		
		•			
 	<u> </u>				
OTHER REFEREN	ICES (including Au	ithor, Title, Date, Pertinent Pa	iges, etc.)		

		
u.	U	Rentrop et al., Histochemical Journal, 18: 271-276 (1986); "Aminoakylsilane-treated glass slides as support for in situ hybridization of keratin cDNAs to frozen tissue sections under varying fixation and pretreatment conditions".
u	٧	Matteucci et al., J. Am. Chem. Soc., 103: 3185-91 (1981); "Synthesis of Deoxyoligonucleotides on a Polymer Support".
u	w	Jonsson et al., Methods in Enzymology, 137: 381-388 (1988); "Surface Immobilization Techniques in Combination with Ellipsometry",
EXAMIN	ER	DATE CONSIDERED

C. Chini

5/7/05

^{*}Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

- SULA	1				PATENT APPI Sheet 3 of 7	LICATIO
LIS	T OF	TO-1449 PATENTS AND PUBLIC NT'S INFORMATION D	ATIONS FOR	1094560-3 APPLICANT	SERIAL NO. 09/895,89	92
~~		STATEMEN	Т	Kay Lichtenwalter FILING DATE	GROUP	
DEEEDEN		DESIGNATION		06/29/2001	1641	
EXAMINER		DOCUMENT NUMBER		T DOCUMENTS	 	
INITIAL		DOCOMENT NOWBER	DATE	NAME		
	_	· · · · · · · · · · · · · · · · · · ·				
	<u> </u>	<u> </u>	EOREIGI	N PATENT DOCUMENTS		
, ,		DOCUMENT			Тт	RANSLAT
		NUMBER	DATE	NAME	<u></u>	ES NO
						<u> </u>
-						
				hor, Title, Date, Pertinent		
u	X	Maniatis et al., Mol	ecular Cloning A Lab	oratory Manual, pp. 313-315	and 326-328 (1982).
<i>u</i>	Υ	C. Kessler, Nonradi Techniques, edited	pactive Labeling Met by L. Kricka, Chapte	hods for Nucleic Acids, in No r 2, pp. 29-91 (1991).	onisotopic DNA Probe	3
u	Z	N. Dyson, Immobilize Vol. II: A Practical J	ation of Nucleic Acid Approach, edited by	s and Hybridization Analysis, T.A. Brown, Chapter 5, pp. 1	in Essential Molecul I 11-156 (1991).	ar Biolog
EXAMIN	ER	C. Chri		DATE CONSIDERED	-/7/-5	

^{*} Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

ZOON B					PATENT AF Sheet 4 of		ATION
LIS	T OF	FO-1449 PATENTS AND PUBLICA INT'S INFORMATION DIS		ATTY. DOCKET NO. 1094560-3 APPLICANT Kay Lichtenwalter	SERIAL N 09/895,		
	(Us	se several sheets if neces	ssary)	FILING DATE 06/29/2001	GROUP 1641		
EFEREN	CE [DESIGNATION	U.S. PATEN	T DOCUMENTS	· • · · · · · · · · · · · · · · · · · ·		
XAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME			
	ļ <u>.</u>						
					· · · · · · · · · · · · · · · · · · ·		,
			FOREIG	N PATENT DOCUMENTS		-	· ·
-		DOCUMENT	DATE	NAME		TRAN	ISLATI
		NUMBER				YES	NO
					,	-	
	_			thor, Title, Date, Pertinent			
a	AA	Southern et al., Gen Sequences by Hybrid	omics, 13: 1008-19 dization to Arrays o	017 (1992); "Analyzing and C f Oligonucleotides: Evaluation	Comparing Nucleic n Using Experimen	Acid tal Mo	dels".
u	вв	Fodor et al., Science Chemical Synthesis"	o, 251(4995): 767-	773 (1991); "Light-Directed,	Spatially Addressa	ble Pa	rallel
u	СС	Maskos et al., Nucle oligodeoxyribonucleo oligonucleotide duple	otide (oligonucleotic	20(7): 1675-1678 (1992); Pa le) interactions. 1. Analysis o	erallel analysis of f factors influenci	ng	-
EXAMIN	ER	c. chi	-	DATE CONSIDERED	17/.5	-	

^{*}Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

2004					PATENT APPI Sheet 5 of 7	LICATION
£61	RM PT	ro-1449		ATTY. DOCKET NO.	SERIAL NO.	
L COM				1094560-3	09/895,89	92
		PATENTS AND PUBLICA NT'S INFORMATION DIS		APPLICANT		
		STATEMENT		Kay Lichtenwalter		
	(Us	se several sheets if nece	ssary)	FILING DATE	GROUP	
		· · · · · · · · · · · · · · · · · · ·		06/29/2001	1641	
REFEREN	CEE	DESIGNATION	U.S. PATENT	DOCUMENTS		
XAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME		
			· · · · · · · · · · · · · · · · · · ·			
						
					·	
			FOREIGN	PATENT DOCUMENTS		
		DOCUMENT NUMBER	DATE	NAME	ļ	RANSLAT
		· · · · · · · · · · · · · · · · · · ·			<u>`</u>	ES NO
			-	 		
		<u> </u>				
		OTHER REFERENCE	ES (including Auth	or, Title, Date, Pertinent	Pages, etc.)	
u	DD	Bhatia et al., J. Am. Patterned Biomolecu	Chem. Soc., 114: 4 lar Assemblies".	432-4433 (1992); "New Ap	proach To Producing	9
u	EE	Matsuzawa et al., J. neurobistoma celis c	of Neuroscience Me on chemically pattern	othods, 50: 253-260 (1993) ed substrates*.	; "Containment and	growth o
u	FF	Chrisey et al., Mat. Attachment of Synti	Res. Soc. Symp. Pronetic DNA to Self-ass	c., 330: 179-184 (Nov 29-E embled-monolayer Function	Dec. 3, 1993); "Selection of Surfaces".	ctive
		1				
EXAMIN	ER	c. ch.		DATE CONSIDERED	-	

^{*}Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

1 2001					PATENT APP Sheet 6 of 7	
				ATTY, DOCKET NO.	SERIAL NO.	
CALLED OF	RM PT	TO-1449		1094560-3	09/895,8	
LIS	TOF	PATENTS AND PUBLICA	ATIONS FOR	APPLICANT		
API	LICA	NT'S INFORMATION DI STATEMENT		Kay Lichtenwalter		
	iUs	se several sheets if nece	seesev)	FILING DATE	GROUP	
				06/29/2001	1641	
REFEREN	CE [DESIGNATION	U.S. PATEN	T DOCUMENTS		
EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME		
	_					
						- · · - · · · · · · · · · · · · · · · ·
			FOREIG	N PATENT DOCUMENTS		
		DOCUMENT NUMBER	FOREIG	N PATENT DOCUMENTS	<u> -</u> -	TRANSLAT
					<u> -</u> -	
					<u> -</u> -	
					<u> -</u> -	
					<u> -</u> -	
					<u> -</u> -	
		NUMBER	DATE	NAME		
a	GG	NUMBER OTHER REFERENCE	DATE CES (including Aut	NAME	Pages, etc.)	YES NO
a	GG	OTHER REFERENCE Southern et al., Nuc	DATE CES (including Autority Actions Action Actions Research	NAME	Pages, etc.)	YES NO
a	GG	OTHER REFERENCE Southern et al., Nuc	DATE CES (including Autority Actions Action Actions Research	NAME thor, Title, Date, Pertinent , 22(8): 1368-1373 (1994):	Pages, etc.)	YES NO
		OTHER REFERENCE Southern et al., Nucleotides for	CES (including Aut	thor, Title, Date, Pertinent , 22(8): 1368-1373 (1994); 'disation behaviour of nucleic	Pages, etc.) "Arrays of complements acids".	PES NO
u	GG	OTHER REFERENCE Southern et al., Nucleotides for	CES (including Autoleic Acids Research analysing the hybri	NAME thor, Title, Date, Pertinent , 22(8): 1368-1373 (1994):	Pages, etc.) "Arrays of complements acids".	PES NO
		OTHER REFERENCE Southern et al., Nucleotides for	CES (including Autoleic Acids Research analysing the hybri	NAME thor, Title, Date, Pertinent , 22(8): 1368-1373 (1994); disation behaviour of nucleic and second control of the control	Pages, etc.) "Arrays of complements acids".	entary
		OTHER REFERENCE Southern et al., Nucleotides for	CES (including Autoleic Acids Research analysing the hybri	NAME thor, Title, Date, Pertinent , 22(8): 1368-1373 (1994); disation behaviour of nucleic and second control of the control	Pages, etc.) "Arrays of complements acids".	PES NO
		OTHER REFERENCE Southern et al., Nucleic Acid hybridization or	DATE CES (including Autority) Celeic Acids Research analysing the hybrideic Acids Research, and the surface of a cids Research, 22(NAME thor, Title, Date, Pertinent , 22(8): 1368-1373 (1994); 'disation behaviour of nucleic state of nucle	Pages, etc.) "Arrays of complement acids". "Direct detection of ect fluorescence and	entary
u	нн	OTHER REFERENCE Southern et al., Nucleic Acid hybridization or	DATE CES (including Autority) Celeic Acids Research analysing the hybrideic Acids Research, and the surface of a cids Research, 22(NAME thor, Title, Date, Pertinent , 22(8): 1368-1373 (1994); disation behaviour of nucleic and second control of secon	Pages, etc.) "Arrays of complement acids". "Direct detection of ect fluorescence and	entary

^{*}Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

PATENT APPLICATION

4 200x 14	Í				Sheet 7 of 7
I		TO 1449		ATTY. DOCKET NO.	SERIAL NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				1094560-3	09/895,892
				APPLICANT	
				Kay Lichtenwalter FILING DATE	GROUP
				06/29/2001	1641
REFEREN	CE [DESIGNATION	U.S. PATEN	IT DOCUMENTS	
EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME	
					-
				- 	
		·	:		<u> </u>
		<u></u>	500510		
			FOREIG	N PATENT DOCUMENTS	I = n a view a =
		DOCUMENT NUMBER	DATE	NAME	TRANSLAT YES NO
•					1.20 1.10
					
		i I			
		OTHER REFERENCE	ES (including Au	thor, Title, Date, Pertinent P	ages, etc.)
a	ນ	Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	
a	ນ	Eggers et al. BioTe	chniques 17(3): 51		
a	IJ	Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	
u	IJ	Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	
a	JJ	Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	
u	JJ	Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	
a	JJ	Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	
u	JJ	Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	
a	JJ	Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	
EXAMIN		Eggers et al. BioTe	chniques 17(3): 51	6-524 (1994): "A Microchin fo	r Quantitative Detection of

^{*}Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)